This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended): A method of producing left and right eye images for a stereoscopic display from a layered source including at least one layer, and at least one object on said at least one layer, including the steps of:

defining a depth characteristic for each object or layer from the layered source, ~~and~~

respectively displacing each object or layer from the layered source by a determined amount in a lateral direction as a function of the depth characteristic of each layer, and

creating additional layers for at least one said layer having a plurality of objects by segmenting the objects.

2. (canceled)

3. (currently amended): A method as claimed in claim ~~2~~1, wherein an additional layer is created for each said object.

4. (original): A method as claimed in claim 1, wherein at least one said object is stretched to enhance the stereoscopic image.

5. (original): A method as claimed in claim 1, wherein a tag associated with each said object includes the depth characteristics for said object.

6. (original): A method as claimed in claim 1, wherein each object and layer is assigned an identifier and/or a depth characteristic.

7. (currently amended): A method as claimed in claim 6, wherein object identification ~~may be~~is defined as <layer identifier>, <object identifier>, and <depth characteristic>.

8. (previously presented): A method as claimed in claim 7, wherein each identifier is an alphanumeric identifier.

9. (currently amended): A method as claimed in claim ~~6~~7, wherein said layer identifier is a reference to said depth characteristic.

10. (currently amended): A system for transmitting stereoscopic images produced using a method ~~as claimed in claim 1~~of producing left and right eye images for a stereoscopic display from a layered source including at least one layer, and at least one object on said at least one layer, including the steps of defining a depth characteristic for each object or layer, and respectively displacing each object or layer by a determined amount in a lateral direction as a function of the depth characteristic of each layer, wherein at least one said layer having a plurality of said objects is segmented into additional layers, and wherein depth characteristics for each said object or layer is embedded in said layered source.

11. (original): A method of producing left and right eye images for a stereoscopic display from a layered source including at least one layer, and at least one object on said at least one layer, including the steps of:

duplicating each said layer to create said left and right eye images;

defining a depth characteristic for each object or layer, and

respectively displacing each object or layer by a determined amount in a lateral direction as a function of the depth characteristic of each layer.

12. (original): A method as claimed in claim 11, wherein said displacing of said left and right eye images is in an equal and opposite direction.

13. (new): A method of producing left and right eye images for a stereoscopic display comprising the steps of:

defining a depth characteristic for each of a plurality of layers from a layered source, wherein each layer includes at least one object;

creating additional layers from a layer having a plurality of objects by segmenting the objects; and

respectively displacing each layer by a determined amount in a lateral direction as a function of the depth characteristic of each layer.

14. (new): A method of producing left and right eye images for a stereoscopic display comprising the steps of:

defining a depth characteristic for each object on each of a plurality of layers from a layered source;

creating additional layers for a layer having a plurality of objects by segmenting the objects; and

respectively displacing each object by a determined amount in a lateral direction as a function of the depth characteristic of each object.